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10/23/01

jc796 U.S. PTO

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Total Pages in this Submission

**Washington, D.C. 20231**

# METHOD AND APPARATUS FOR TESTING AND EVALUATING A SOFTWARE COMPONENT USING AN ABSTRACTION MATRIX

and invented by:

**Joseph T. Apuzzo; John P. Marino; Curtis L. Hoskins; Timothy L. Race; Hemant R. Suri**

**ASSIGNEE NAME:** International Business Machines Corporation

ASSIGNEE ADDRESS: Armonk, New York

Jc781 U.S. PTO  
10/006596  
10/23/01

**If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:**

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No.: 09/919,753

**Which is a:**

**Continuation** ☐ **Divisional** ☐ **Continuation-in-part (CIP)** of prior application No.:

Which is a:

**Continuation** ☐ **Divisional** ☐ **Continuation-in-part (CIP)** of prior application No.:

**Enclosed are:**

## Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 47 pages and including the following:
- a. ☒ Descriptive Title of the Invention
  - b. ☒ Cross References to Related Applications (*if applicable*)
  - c. ☐ Statement Regarding Federally-sponsored Research/Development (*if applicable*)
  - d. ☐ Reference to Microfiche Appendix (*if applicable*)
  - e. ☒ Background of the Invention
  - f. ☒ Brief Summary of the Invention
  - g. ☒ Brief Description of the Drawings (*if drawings filed*)
  - h. ☒ Detailed Description
  - i. ☒ Claim(s) as Classified Below
  - j. ☒ Abstract of the Disclosure

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)**

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Docket No.  
**POU920000183US1**

Total Pages in this Submission

**Application Elements (Continued)**

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*
- a. ☒ Formal                      Number of Sheets    Twenty-Four (24)
- b. ☐ Informal                      Number of Sheets    \_\_\_\_\_
4. ☒ Oath or Declaration
- a. ☒ Newly executed *(original or copy)*      ☐ Unexecuted
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*
- c. ☒ With Power of Attorney      ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied  
under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby  
incorporated by reference therein.
6. ☐ Computer Program in Microfiche *(Appendix)*
7. ☐ Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*
- a. ☐ Paper Copy
- b. ☐ Computer Readable Copy *(identical to computer copy)*
- c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

**Accompanying Application Parts**

8. ☒ Assignment Papers *(cover sheet & document(s))*
9. ☐ 37 CFR 3.73(B) Statement *(when there is an assignee)*
10. ☐ English Translation Document *(if applicable)*
11. ☒ Information Disclosure Statement/PTO-1449      ☒ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Acknowledgment postcard
14. ☒ Certificate of Mailing
- ☐ First Class    ☒ Express Mail *(Specify Label No.):* ET08996552SUS

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Total Pages in this Submission

**Accompanying Application Parts (Continued)**

15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*

16. ☒ Additional Enclosures *(please identify below):*

**Patent Application Bibliographic Data Sheet (3 pages)**

**Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)**

17. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

**Warning**

***An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.***

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Large Entity)**

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Docket No.  
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Total Pages in this Submission

**Fee Calculation and Transmittal**

**CLAIMS AS FILED**

| For                                                                      | #Filed | #Allowed | #Extra | Rate      | Fee        |
|--------------------------------------------------------------------------|--------|----------|--------|-----------|------------|
| Total Claims                                                             | 35     | - 20 =   | 15     | x \$18.00 | \$270.00   |
| Indep. Claims                                                            | 4      | - 3 =    | 1      | x \$84.00 | \$84.00    |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/> |        |          |        |           | \$0.00     |
| BASIC FEE                                                                |        |          |        |           | \$740.00   |
| OTHER FEE (specify purpose) _____                                        |        |          |        |           | \$0.00     |
| TOTAL FILING FEE                                                         |        |          |        |           | \$1,094.00 |

- ☐ A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 09-0463 (IBM) as described below. A duplicate copy of this sheet is enclosed.
- ☒ Charge the amount of \$1,094.00 as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: Oct. 23, 2001

CC:

  
Signature

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Docket No.: POU920000183US1

Inventor: Apuzzo et al.

Title: METHOD AND APPARATUS FOR  
TESTING AND EVALUATING A  
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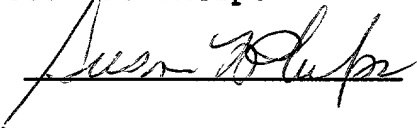
APPLICATION FOR UNITED STATES

LETTERS PATENT

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Date of Deposit: October 23, 2001

I hereby certify that this paper is being  
deposited with the United States Postal Service  
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under 37 CFR 1.10 on the date indicated above  
and is addressed to: Box Patent Application,  
Assistant Commissioner for Patents, Washington,  
D.C. 20231.

Name: Susan L. Phelps

Signature: 

INTERNATIONAL BUSINESS MACHINES CORPORATION

POU920000183US1